

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/579,941  
Source: IFWP  
Date Processed by STIC: 6/1/06

***ENTERED***



IFWP

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/579,941

DATE: 06/01/2006

TIME: 16:53:10

Input Set : A:\PTO.AMC.txt  
 Output Set: N:\CRF4\06012006\J579941.raw

```

3 <110> APPLICANT: Meijer, Hans
4   Wehling, Peter
5   Sturm, Barbara
6   Reinecke, Julio
8 <120> TITLE OF INVENTION: TRANSSKIN
10 <130> FILE REFERENCE: P/2107-291
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/579,941
C--> 12 <141> CURRENT FILING DATE: 2006-05-22
12 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/013203
13 <151> PRIOR FILING DATE: 2004-11-19
15 <150> PRIOR APPLICATION NUMBER: 103 55 559.5
16 <151> PRIOR FILING DATE: 2003-11-21
18 <160> NUMBER OF SEQ ID NOS: 41
20 <170> SOFTWARE: PatentIn version 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 10
24 <212> TYPE: PRT
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Cargo Peptide
30 <400> SEQUENCE: 1
32 Lys Lys Arg Lys Lys Gln Lys Lys Arg Lys
33 1           5           10
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 9
38 <212> TYPE: PRT
39 <213> ORGANISM: Artificial Sequence
41 <220> FEATURE:
42 <223> OTHER INFORMATION: Cargo Peptide
44 <400> SEQUENCE: 2
46 Arg Arg Lys Lys Lys Gln Lys Lys Lys
47 1           5
50 <210> SEQ ID NO: 3
51 <211> LENGTH: 8
52 <212> TYPE: PRT
53 <213> ORGANISM: Artificial Sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: Cargo Peptide
58 <400> SEQUENCE: 3
60 Lys Lys Gln Lys Lys Arg Arg Lys
61 1           5
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 9

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/579,941

DATE: 06/01/2006

TIME: 16:53:10

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\06012006\J579941.raw

66 <212> TYPE: PRT  
67 <213> ORGANISM: Artificial Sequence  
69 <220> FEATURE:  
70 <223> OTHER INFORMATION: Cargo Peptide  
72 <400> SEQUENCE: 4  
74 Lys Lys Gln Lys Lys Arg Arg Lys Lys  
75 1 5  
78 <210> SEQ ID NO: 5  
79 <211> LENGTH: 8  
80 <212> TYPE: PRT  
81 <213> ORGANISM: Artificial Sequence  
83 <220> FEATURE:  
84 <223> OTHER INFORMATION: Cargo Peptide  
86 <400> SEQUENCE: 5  
88 Lys Lys Lys Gln Lys Arg Lys Lys  
89 1 5  
92 <210> SEQ ID NO: 6  
93 <211> LENGTH: 9  
94 <212> TYPE: PRT  
95 <213> ORGANISM: Artificial Sequence  
97 <220> FEATURE:  
98 <223> OTHER INFORMATION: Cargo Peptide  
100 <400> SEQUENCE: 6  
102 Arg Gln Lys Lys Gln Lys Lys Lys Arg  
103 1 5  
106 <210> SEQ ID NO: 7  
107 <211> LENGTH: 10  
108 <212> TYPE: PRT  
109 <213> ORGANISM: Artificial Sequence  
111 <220> FEATURE:  
112 <223> OTHER INFORMATION: Cargo Peptide  
114 <400> SEQUENCE: 7  
116 Arg Lys Gln Lys Lys Lys Arg Lys Lys Lys  
117 1 5 10  
120 <210> SEQ ID NO: 8  
121 <211> LENGTH: 9  
122 <212> TYPE: PRT  
123 <213> ORGANISM: Artificial Sequence  
125 <220> FEATURE:  
126 <223> OTHER INFORMATION: Cargo Peptide  
128 <400> SEQUENCE: 8  
130 Lys Arg Lys Gln Lys Gln Lys Lys Lys  
131 1 5  
134 <210> SEQ ID NO: 9  
135 <211> LENGTH: 9  
136 <212> TYPE: PRT  
137 <213> ORGANISM: Artificial Sequence  
139 <220> FEATURE:  
140 <223> OTHER INFORMATION: Cargo Peptide

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/579,941

DATE: 06/01/2006  
TIME: 16:53:10

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF4\06012006\J579941.raw

142 <400> SEQUENCE: 9  
144 Lys Lys Arg Lys Gln Lys Lys Gln Lys  
145 1 5  
148 <210> SEQ ID NO: 10  
149 <211> LENGTH: 8  
150 <212> TYPE: PRT  
151 <213> ORGANISM: Artificial Sequence  
153 <220> FEATURE:  
154 <223> OTHER INFORMATION: Cargo Peptide  
156 <400> SEQUENCE: 10  
158 Lys Lys Lys Arg Lys Lys Gln Lys  
159 1 5  
162 <210> SEQ ID NO: 11  
163 <211> LENGTH: 9  
164 <212> TYPE: PRT  
165 <213> ORGANISM: Artificial Sequence  
167 <220> FEATURE:  
168 <223> OTHER INFORMATION: Cargo Peptide  
170 <400> SEQUENCE: 11  
172 Arg Lys Lys Lys Lys Gln Lys Lys Lys  
173 1 5  
176 <210> SEQ ID NO: 12  
177 <211> LENGTH: 8  
178 <212> TYPE: PRT  
179 <213> ORGANISM: Artificial Sequence  
181 <220> FEATURE:  
182 <223> OTHER INFORMATION: Cargo Peptide  
184 <400> SEQUENCE: 12  
186 Lys Lys Arg Lys Lys Gln Lys Lys  
187 1 5  
190 <210> SEQ ID NO: 13  
191 <211> LENGTH: 10  
192 <212> TYPE: PRT  
193 <213> ORGANISM: Artificial Sequence  
195 <220> FEATURE:  
196 <223> OTHER INFORMATION: Cargo Peptide  
198 <400> SEQUENCE: 13  
200 Gln Lys Lys Arg Arg Lys Lys Lys Gln Lys  
201 1 5 10  
204 <210> SEQ ID NO: 14  
205 <211> LENGTH: 9  
206 <212> TYPE: PRT  
207 <213> ORGANISM: Artificial Sequence  
209 <220> FEATURE:  
210 <223> OTHER INFORMATION: Cargo Peptide  
212 <400> SEQUENCE: 14  
214 Lys Lys Arg Lys Gln Lys Lys Arg Lys  
215 1 5  
218 <210> SEQ ID NO: 15

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/579,941

DATE: 06/01/2006

TIME: 16:53:10

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\06012006\J579941.raw

219 <211> LENGTH: 10  
220 <212> TYPE: PRT  
221 <213> ORGANISM: Artificial Sequence  
223 <220> FEATURE:  
224 <223> OTHER INFORMATION: Cargo Peptide  
226 <400> SEQUENCE: 15  
228 Lys Lys Arg Lys Gln Lys Lys Gln Lys Arg  
229 1 5 10  
232 <210> SEQ ID NO: 16  
233 <211> LENGTH: 10  
234 <212> TYPE: PRT  
235 <213> ORGANISM: Artificial Sequence  
237 <220> FEATURE:  
238 <223> OTHER INFORMATION: Cargo Peptide  
240 <400> SEQUENCE: 16  
242 Lys Arg Lys Gln Lys Gln Lys Lys Lys Lys  
243 1 5 10  
246 <210> SEQ ID NO: 17  
247 <211> LENGTH: 9  
248 <212> TYPE: PRT  
249 <213> ORGANISM: Artificial Sequence  
251 <220> FEATURE:  
252 <223> OTHER INFORMATION: Cargo Peptide  
254 <400> SEQUENCE: 17  
256 Lys Lys Arg Lys Arg Lys Gln Lys Lys Lys  
257 1 5  
260 <210> SEQ ID NO: 18  
261 <211> LENGTH: 9  
262 <212> TYPE: PRT  
263 <213> ORGANISM: Artificial Sequence  
265 <220> FEATURE:  
266 <223> OTHER INFORMATION: Cargo Peptide  
268 <400> SEQUENCE: 18  
270 Lys Gln Lys Arg Lys Lys Lys Gln Lys  
271 1 5  
274 <210> SEQ ID NO: 19  
275 <211> LENGTH: 10  
276 <212> TYPE: PRT  
277 <213> ORGANISM: Artificial Sequence  
279 <220> FEATURE:  
280 <223> OTHER INFORMATION: Cargo Peptide  
282 <400> SEQUENCE: 19  
284 Lys Gln Lys Lys Arg Gln Lys Lys Lys Arg  
285 1 5 10  
288 <210> SEQ ID NO: 20  
289 <211> LENGTH: 10  
290 <212> TYPE: PRT  
291 <213> ORGANISM: Artificial Sequence  
293 <220> FEATURE:

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/579,941

DATE: 06/01/2006

TIME: 16:53:10

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\06012006\J579941.raw

294 <223> OTHER INFORMATION: Cargo Peptide  
296 <400> SEQUENCE: 20  
298 Lys Lys Lys Arg Lys Gln Lys Gln Lys Lys  
299 1 5 10  
302 <210> SEQ ID NO: 21  
303 <211> LENGTH: 10  
304 <212> TYPE: PRT  
305 <213> ORGANISM: Artificial Sequence  
307 <220> FEATURE:  
308 <223> OTHER INFORMATION: Cargo Peptide  
310 <400> SEQUENCE: 21  
312 Arg Lys Lys Lys Gln Lys Lys Gln Lys Lys  
313 1 5 10  
316 <210> SEQ ID NO: 22  
317 <211> LENGTH: 9  
318 <212> TYPE: PRT  
319 <213> ORGANISM: Artificial Sequence  
321 <220> FEATURE:  
322 <223> OTHER INFORMATION: Cargo Peptide  
324 <400> SEQUENCE: 22  
326 Lys Lys Lys Arg Gln Lys Lys Gln Lys  
327 1 5  
330 <210> SEQ ID NO: 23  
331 <211> LENGTH: 10  
332 <212> TYPE: PRT  
333 <213> ORGANISM: Artificial Sequence  
335 <220> FEATURE:  
336 <223> OTHER INFORMATION: Cargo Peptide  
338 <400> SEQUENCE: 23  
340 Lys Lys Arg Lys Lys Lys Lys Arg Lys  
341 1 5 10  
344 <210> SEQ ID NO: 24  
345 <211> LENGTH: 8  
346 <212> TYPE: PRT  
347 <213> ORGANISM: Artificial Sequence  
349 <220> FEATURE:  
350 <223> OTHER INFORMATION: Cargo Peptide  
352 <400> SEQUENCE: 24  
354 Arg Arg Lys Lys Lys Lys Lys Lys  
355 1 5  
358 <210> SEQ ID NO: 25  
359 <211> LENGTH: 7  
360 <212> TYPE: PRT  
361 <213> ORGANISM: Artificial Sequence  
363 <220> FEATURE:  
364 <223> OTHER INFORMATION: Cargo Peptide  
366 <400> SEQUENCE: 25  
368 Lys Lys Lys Lys Arg Arg Lys  
369 1 5

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/579,941

DATE: 06/01/2006

TIME: 16:53:11

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\06012006\J579941.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date